

What is claimed is:

1. A bone fixation apparatus, comprising:  
 5 an intermedullary nail having a longitudinal axis and a proximal tip;  
 a blade having a second longitudinal axis, said blade defining a recess  
 extending in substantial parallel alignment with said second longitudinal axis, said  
 recess configured to receive said proximal tip; and locking member to interconnect  
 said tip and said blade.
- 10 2. The apparatus of claim 1, wherein said recess is at least partially enclosed.
3. The apparatus of claim 2, wherein said recess is enclosed on three sides  
 and open on a fourth side.
- 15 4. The apparatus of claim 3, wherein said recess extends along the second  
 longitudinal axis over at least half of the length of the blade.
5. The apparatus of claim 1, wherein said blade further includes an aperture in  
 20 communication with said recess, said aperture adapted to receive a fastening  
 member configured for engagement with said tip.
6. The apparatus of claim 5, wherein said aperture is a slot.
- 25 7. A method of stabilizing long bone fractures, comprising:  
 providing an elongate fixation member and a transverse stabilizer having a  
 recess for receiving at least a portion of the elongate fixation member;  
 obtaining access to the intermedullary canal of a long bone;  
 positioning the elongate fixation member in the intermedullary canal;  
 30 aligning the recess of the transverse stabilizer with the tip of the elongate  
 fixation member;

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positioning the cutting surface adjacent tissue to be removed;  
oscillating the head of the reamer to cause the cutting surface to remove  
tissue.

5 14. The method of claim 13, wherein said oscillating occurs over a range of 20  
to 180 degrees.

15. The method of claim 14, wherein said oscillating occurs over a range of 80  
to 120 degrees.

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16. The method of claim 13, wherein said inserting further includes positioning  
a wire guide into the tissue and positioning the reamer over the wire guide prior to  
said inserting.

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